PTO/SB/08B (08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				C mpl te if Known			
Substitu	10 10/10/11/14-5//10			Application Numb r	10/027,749		
INF	ORMATION	N DIS	CLOSURE	Filing Dat	12/21/2001		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Joakim O. BLANCH		
				Art Unit	2862		
	(Use as many sh	eets as n	iecessary)	Examiner Name	Toan M. Le		
Sheet	Two	of	Two	Attorney Docket Number	1391-27201		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
12		J.O. BLANCH, et al., A Method to Extract Fast and Slow Shear Wave Velocities in an Anisotropic Formation; SEG International Exposition and 72nd Annual Meeting, 10/11/02	
7 <u>L</u>		PHILLIP M. CARRION, et al., Source Wavelet and its Angular Spectrum from Plane-Wave Seismograms; Geophysics, Vol. 55, No. 8, (August 1990); pp. 1026-2035	
K		CHUEN HON CHENG, et al., Elastic Wave Propagation in a Fluid-Filled Borehole and Synthetic Acoustic Logs; Geophysics, Vol. 46, No. 7, (July 1981); pp. 1042-1053	

Examiner Signature	(linestor -	Date Considered	1/28/04
ACMANINICIS. I	IN - 14 6	with MOED COO. Deswilling through a	totion if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. D NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

One

TATA TRADENAS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of Two

Complete if Known						
Application Number	10/027,749	-				
Filing Date	12/21/2001					
First Named Inventor	Joakim O. BLANCH					
Art Unit	2862					
Examiner Name	Toan M. Le	-				
Attorney Docket Number	1391-27201					

				DOCUMENTS	T 5 6		
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	Ļ	Number-Kind Code ^{2 (# known)}			1 igaios Appeal		
77		US- 006098021A	08-01-2000	Tang et al.			
TL		^{US-} 005999486A	12-07-1999	DeVault			
R		US- 005835452A	11-19-1998	Mueller et al.			
		US-					
	1	US-					
	 	us-					
	<u> </u>	US-					
	1	US-					
		US-					
		US-					
	 	US-					
		US-					
	 	US-					
	†	US-					
		US-					
		US-	1				
		US-	•				
	1	US-					
	t	US-					
		,	1				

			IGN PATENT DOCU	MENIS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY			
						L
						┢
						┝
						r
					 	۲

Examiner Signature	Cemplos	Date Consider	ed	1/28	104	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.